Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1.   (Currently Amended)   A method of operating a base station system comprising at least one base station controller [[(BSC);]] BSC, the method comprising:

controlling receipt of data from a streaming source; ~~wherein~~

storing the data from the streaming source ~~is stored~~ in a BSC buffer [[in the]] of a BSC in a first cell when a mobile station [[(MS)]] MS is communicating via [[a]] the first cell; and

~~transmitted~~ transmitting the data to an MS buffer of the MS from the BSC buffer in the first cell at a first data rate via the first cell; wherein

the BSC in the first cell monitors the MS, and on receipt of an indication that the MS has ceased communication via the first cell, the BSC in the first cell prevents further streaming data from entering the BSC buffer in the first cell; ~~wherein~~

the BSC in the first cell monitors for an indication that the MS has set up communication via a second cell, [[;]] and on receipt of such an indication, instructs the streaming source to continue data transfer via the second cell; ~~wherein~~

a BSC in the second cell instructs the streaming source to increase the rate of data transfer to the MS buffer via the second cell until the MS buffer is substantially refilled, [[;]] and thereafter to continue data transfer at the first data rate.

Claim 2.   (Currently Amended)   A method according to claim 1, wherein the streaming data is stored in a store in a serving GPRS support node [[(SGSN)]] SGSN before being transmitted to the BSC buffer.

Claim 3.   (Currently Amended)   A method according to claim 2, wherein the SGSN measures a service interruption time and determines [[the]] a required increased rate of data transfer and the period for which that data transfer rate [[shall]] needs be maintained therefrom.

Claim 4.   (Original)   A method according to claim 1, wherein the increased data rate is set between an original guaranteed bit rate and a peak rate.

Claim 5.   (Original)   A method according to claim 1, wherein the rate of data transfer is increased by changing the guaranteed bit rate.

Claim 6.   (Currently Amended)   A method according to claim 1, wherein the streaming source comprises <u>one of</u> real-audio streaming from the Internet, [[or]] <u>and</u> video.

Claim 7.   (Currently Amended)   A handover method in a general packet radio service [[(GPRS)]] <u>GPRS</u> system, the method comprising<u>:</u>

receiving data from a streaming source in a serving GPRS support node [[(SGSN),]] <u>SGSN;</u> [[,]]

transmitting <u>said</u> data to a mobile station [[(MS)]] <u>MS</u> at a first data rate via a first cell;

storing the data in <u>an MS</u> [[a]] buffer in the MS; [[and]]

running an application on the MS <u>using data</u> from the <u>MS</u> buffer;

on receipt of an indication that the MS has ceased communication via the first cell<u>,</u> [[;]] instructing the SGSN to store data in <u>an SGSN</u> [[its]] buffer;

monitoring for an indication that the MS has set up communication via a second cell<u>,</u> [[;]] and continuing data transfer via the second cell; ~~wherein~~

<u>increasing</u> the rate of data transfer from the SGSN to the MS buffer via the second cell ~~is increased~~ until the MS buffer is substantially refilled; and

thereafter continuing data transfer at the first data rate.

Claim 8.   (Original)   A method according to claim 7, wherein the SGSN measures a service interruption time and determines the required increased rate of data transfer therefrom.

Claim 9.   (Original)   A method according to claim 8, wherein the increased data rate is set between an original guaranteed bit rate and a peak rate.

Claim 10.   (Original)   A method according to claim 9, wherein the rate of data transfer is increased by changing the guaranteed bit rate.

Claim 11.   (Original)   A method according to claim 7, wherein data transfer from the SGSN to the MS is controlled by a base station controller.

Claim 12.   (Currently Amended)   A method according to claim 7, wherein the streaming source comprises <u>one of</u> real-audio streaming from the Internet, [[or]] <u>and</u> video.